

Attachment 1

Hoosier National Forest Approved Seed Mixture

(March 15, 2007 by Kirk Larson/NF Botanist and Zachary Riggs/Past Soil Scientist)

For use at all locations and seasons

Apply throughout the season when soil moisture conditions are adequate for germination. Winter wheat or spring oats are nonnative annual agricultural (nurse) crop species, but they are non-persistent and fast-growing, short-lived plants that provides quick soil stabilization to keep invasive weeds from invading without competing with native grasses/wildflowers. Mix the winter wheat or spring oat seed with the selected native seed species according to the rates displayed below.

<u>Species</u>	<u>per acre</u>
Winter wheat (<i>Triticum aestivum</i>)	40 lbs/acre
(Or) Spring oats (<i>Avena Sativa</i>)	40 lbs/acre
Switch grass (<i>Panicum virgatum</i>)	4 lbs/acre
Virginia wild rye (<i>Elymus virginicus</i>)	4 lbs/acre
Partridge pea (<i>Cassia fasciculata</i>)	1 lbs/acre
(Or) Illinois bundle flower (<i>Desmanthus illinoensis</i>) TELL CITY RD ONLY	1 lbs/acre

This seed mix is for use in general applications across the Hoosier where ground disturbances have created conditions with the potential for soil erosion and the possible spread of nearby nonnative invasive species. Typically, areas requiring seeding may include roadsides, log landings, and firelines on steeper slopes.

Where necessary use a light covering of weed-free straw, if available, to help prevent the introduction of invasive weed seed, and if weed-free straw is not available or it is visually questionable (lots of seed visible), then it is much better to not use any straw at all.